

WHAT IS CLAIMED IS:

1. A pulse generating device comprising: control means for receiving vehicle speed information or wheel speed information via a multiplex communication line from a control device mounted on a vehicle, and for generating, based on said vehicle speed information or said wheel speed information, a predetermined pulse signal that can be used for an information display device mounted on said vehicle; and output means for outputting said pulse signal generated by said control means, to said information display device.
2. A pulse generating device according to claim 1, wherein said control means and said output means belong to a vehicle display apparatus for displaying the running information of said vehicle.
3. A pulse generating device according to claim 1 or 2, wherein said control means outputs said pulse signal according to the running state of said vehicle.
4. A pulse generating device according to claim 1, wherein said information display device is a navigation unit.

5. A vehicle display apparatus for displaying vehicle information, including a pulse generating device comprising: at least control means for receiving vehicle speed information or wheel speed information via a multiplex communication line from a control device mounted on a vehicle, and for generating, based on said vehicle speed information or said wheel speed information, a predetermined pulse signal that can be used for an information display device mounted on said vehicle; and output means for outputting said pulse signal generated by said control means, to said information display device.

6. A vehicle display apparatus according to claim 5, wherein said control means outputs said pulse signal according to the running state of said vehicle.

7. A vehicle display apparatus according to claim 5, wherein said information display device is a navigation unit.